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Applicant, Title of invention, Abstract — e.g. computer semiconductor

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tuning fork		AND
	AND	
groove electrode		AND

AND AND

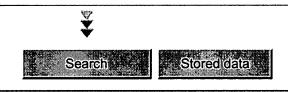
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Canadian Intellectual Property Office

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(("tuning fork" <and> groove <near> e

Query: (("tuning fork" <and> groove <near> electrode))

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Last Modified: 2002-12-31

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1	IS&R	L1	1289	(310/348,351,340,365,3 70).CCLS.	USPAT	2006/01/0 5 13:41	
2	IS&R	L2	872	(310/348,351,340,365,3 70).CCLS.	US- PGPUB; EPO; JPO; DERWE NT; IBM_T DB	2006/01/0 5 13:41	
3	BRS	L3		"tuning fork" and groove\$1 adj2 electrode\$1 and (tine\$1 or fork\$1) same electrode\$1	US- PGPUB; USPAT; USOCR; EPO; DERWE NT; IBM_T DB	2006/01/0 5 13:43	

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35 results found in the Worldwide database for:

"tuning fork" and groove and electrode in the title or abstract

(Results are sorted by date of upload in database)

### 1 Electronic apparatus with two quartz crystal oscillators utilizing

different vibration modes
Inventor: KAWASHIMA HIROFUMI (JP)

Applicant:

EC:

IPC: H03H9/21; H03H9/00; (IPC1-7): H03H9/21

Publication info: US2005184628 - 2005-08-25

# 2 Piezoelectric crystal resonator, piezoelectric crystal unit having the crystal resonator and electronic apparatus having the crystal resonator

Inventor: KAWASHIMA HIROFUMI (JP)

Applicant:

EC.

IPC: H03H9/21; H03H9/00; (IPC1-7): H03H9/21

Publication info: US2005134154 - 2005-06-23

# 3 CRYSTAL VIBRATOR, CRYSTAL UNIT, CRYSTAL OSCILLATOR, AND MANUFACTURING METHOD OF MOBILE APPARATUS

Inventor: KAWASHIMA HIROFUMI

Applicant: PIEDEKKU GIJUTSU KENKYUSHO KK

IPC: H03B5/32; H03H3/02; H03H9/19 (+6)

Publication info: JP2004350325 - 2004-12-09

#### 4 CRYSTAL UNIT, CRYSTAL OSCILLATOR, AND MOBILE APPARATUS

Inventor: KAWASHIMA HIROFUMI

Applicant: PIEDEKKU GIJUTSU KENKYUSHO KK IPC: H03B5/32; H03H9/19; H03B5/32 (+3)

Publication info: JP2004350324 - 2004-12-09

5 VIBRATOR

Inventor: YAMAMOTO IZUMI

Applicant: CITIZEN WATCH CO LTD

EC:

IPC: H03H9/02; H03H9/19; H03H9/215 (+5)

Publication info: JP2005229143 - 2005-08-25

### 6 QUARTZ CRYSTAL RESONATOR, QUARTZ CRYSTAL UNIT, AND QUARTZ CRYSTAL OSCILLATOR

**Inventor: KAWASHIMA HIROFUMI** 

Applicant: PIEDEKKU GIJUTSU KENKYUSHO KK

EC:

EC:

IPC: H03B5/32; H03H9/215; H03B5/32 (+3)

Publication info: JP2005039768 - 2005-02-10

7 Electronic apparatus

Inventor: KAWASHIMA HIROFUMI (JP)

Applicant:

EC: H03H9/215

IPC: *H03H9/215*; *H03H9/10*; **H03H9/00** (+2)

Publication info: US2003169130 - 2003-09-11

8 Quartz crystal oscillator

Inventor: KAWASHIMA HIROFUMI (JP)

Applicant:

EC: H03H9/215

EC: H03H9/215

IPC: H03H9/215; H03H9/10; H03H9/00 (+2)

Publication info: US2003169118 - 2003-09-11

#### 9 QUARTZ OSCILLATOR AND ITS MANUFACTURING METHOD

**Inventor: KAWASHIMA HIROFUMI** 

Applicant: PIEDEKKU GIJUTSU KENKYUSHO KK

....

IPC: H03B5/32; H03H9/02; H03H9/19 (+6)

Publication info: JP2003229739 - 2003-08-15

### 10 Quartz crystal unit and its manufacturing method

Inventor: KAWASHIMA HIROFUMI (JP)

Applicant:

IPC: *H03H9/215*; *H03H9/10*; **H03H9/00** (+2)

Publication info: **US2003080652** - 2003-05-01